



FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Friday, September 7, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Friday

- Heavy rain/flash flooding possible across **NE AR**.
- Isolated heavy rain/flash flooding possible across **NW TX** into **E NM**.

Saturday - Monday

- Isolated heavy rain/flash flooding possible from **AR** across **N LA** into **STX**.
- Some rivers in **AR** and **TX** may reach minor river flood status.

Tuesday

- No significant weather impacts.

Tropical Outlook

- **TD Gordon** is inland over **AR** and will move slowly north today.
- **TS Florence** is 985 miles **ESE** of Bermuda and moving **W** at 7 mph. A turn to the **WNW** is expected over the weekend. Potential impacts to **FEMA Region IV** next week.
- Low pressure 650 miles **W** of the **Cabo Verde Islands** is expected to become a tropical depression in a few days.
 - Formation chances in next 48 hours...high...**90%**
 - Formation chances in 5 days...high...**90%**
- A tropical wave is off the west coast of **Africa** and should form into a depression by early next week.
 - Formation chances in next 48 hours...low...**90%**
 - Formation chances in 5 days...medium...**90%**

FEMA Region 6 Threat Matrix

Sept 7, 2018 – Sept 11, 2018



SR ROC
REGIONAL OPERATIONS CENTER

| DAY / THREAT | FRI | SAT | SUN | MON | TUE |
|--------------------------------|------|----------------|---------------|-------|-----|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | AR | AR/LA SW TX | AR/N LA TX | LA/TX | |
| | W TX | | | | |
| Fire Weather | | | | | |
| Tropical Weather | | | | | |
| River Flooding | AR | AR/TX | AR/TX | AR/TX | |

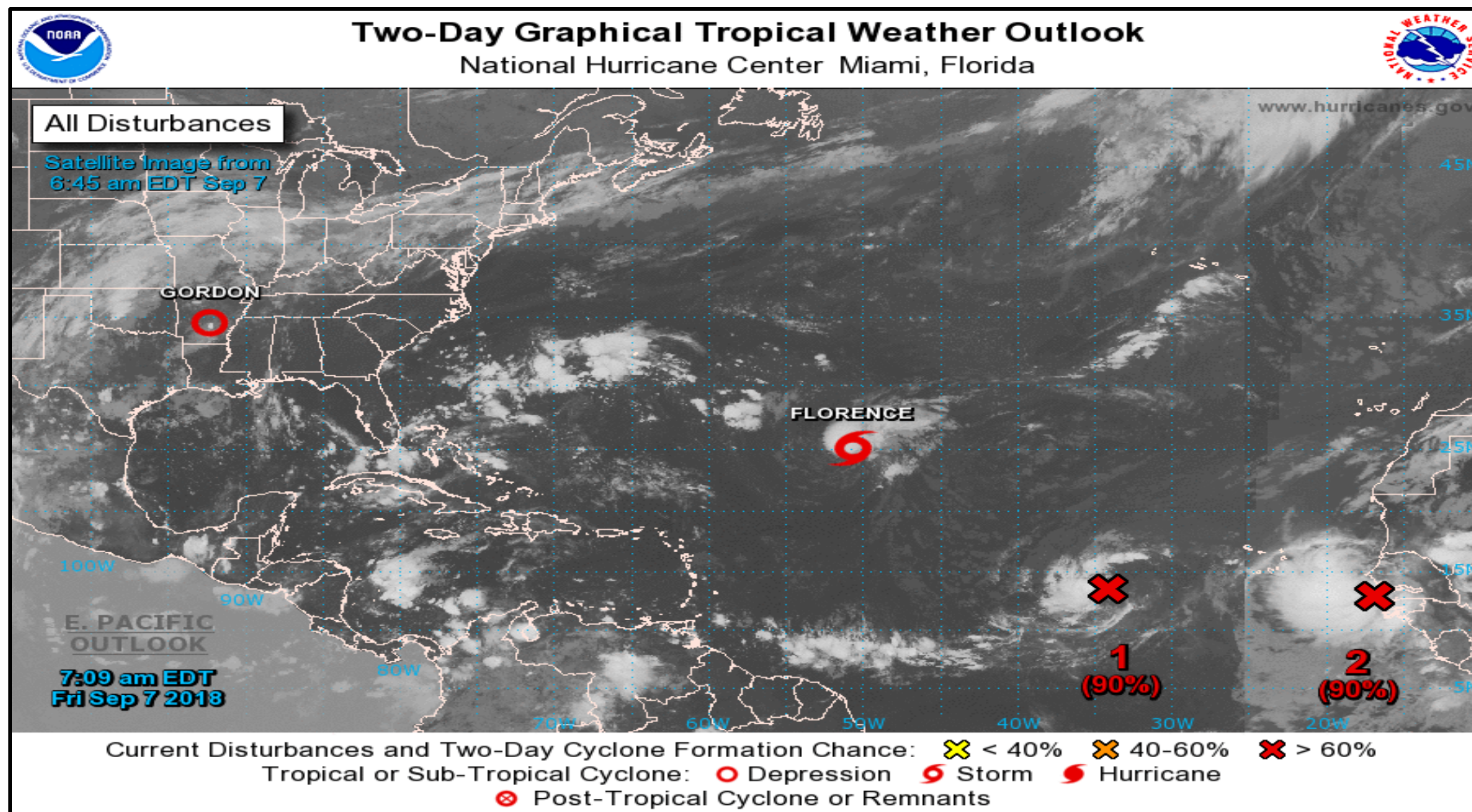
| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER



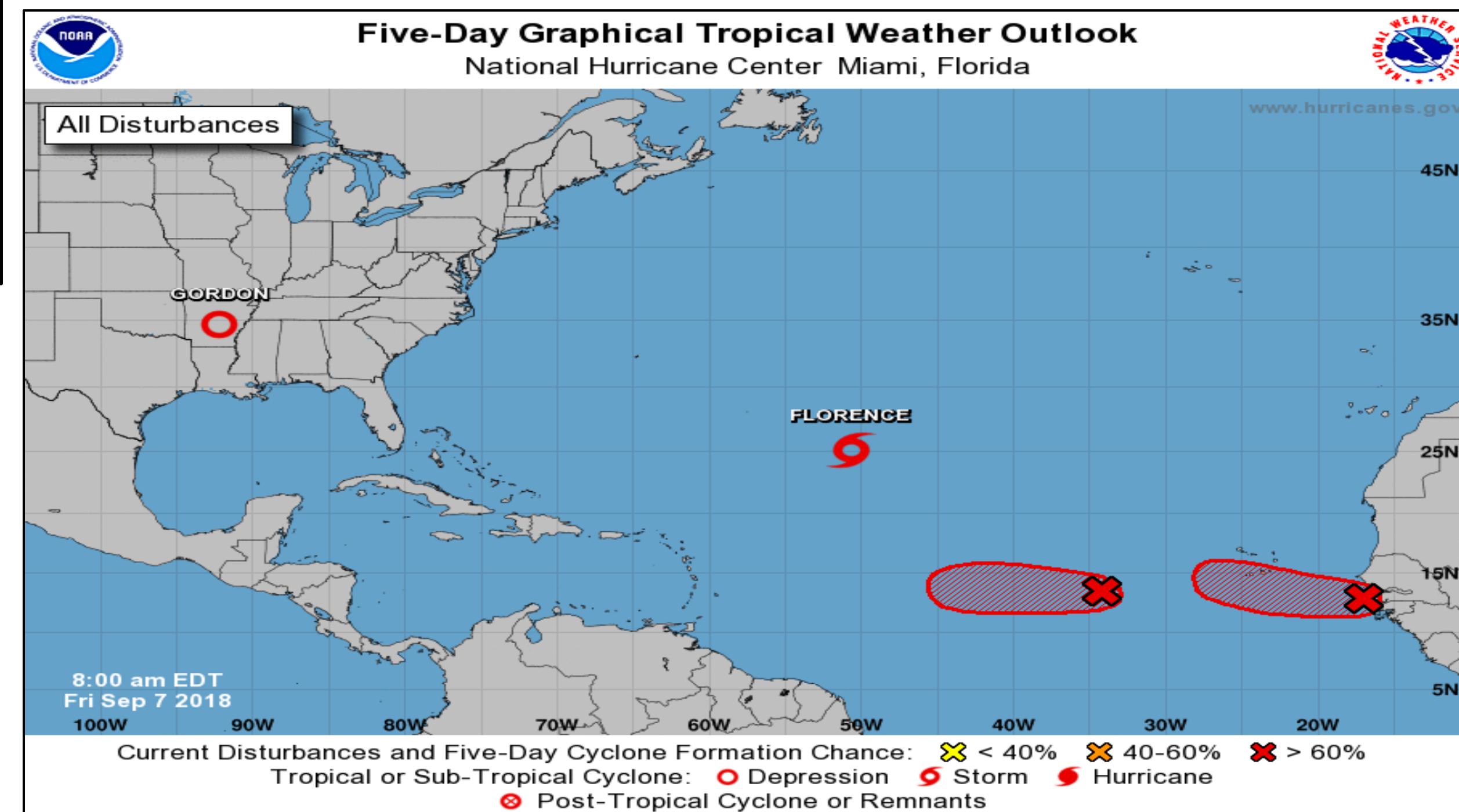
See next slide for more information on Hurricane Florence.

A tropical wave off the coast of Africa could form into a depression by early next week
Formation chance through 48 hours...low...90%
Formation chance through 5 days...medium...90%

Low pressure system 650 miles west of the Cabo Verde Island is expected to become a depression in the next few days.

Formation chance through 48 hours...high...90%

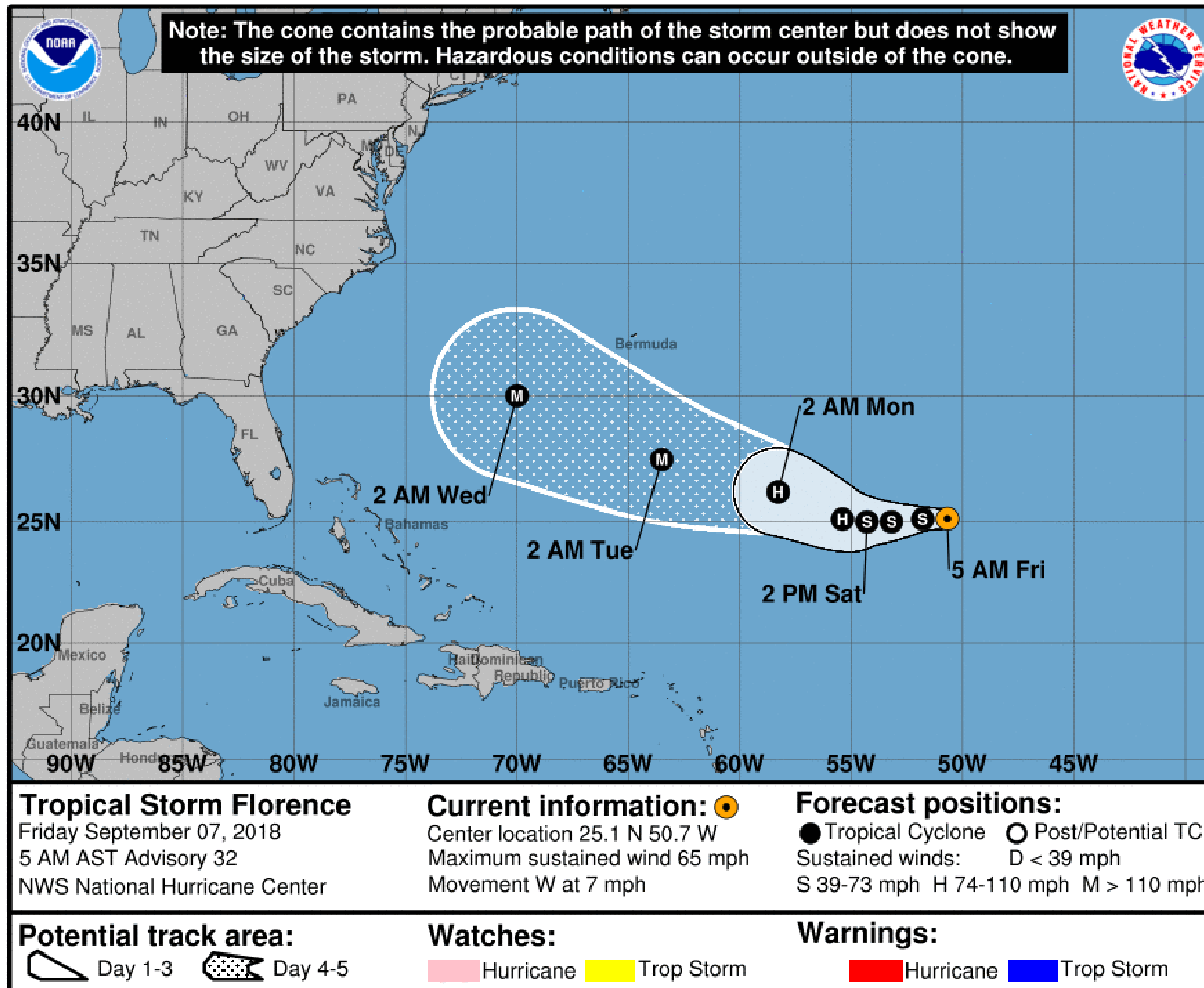
Formation chance through 5 days...high...90%



Hurricane Florence



SR ROC
REGIONAL OPERATIONS CENTER



Hurricane Florence is 985 miles ESE of Bermuda and moving W at 7 mph. A turn toward the west-northwest is expected by this weekend.

No impacts to FEMA Region 6.

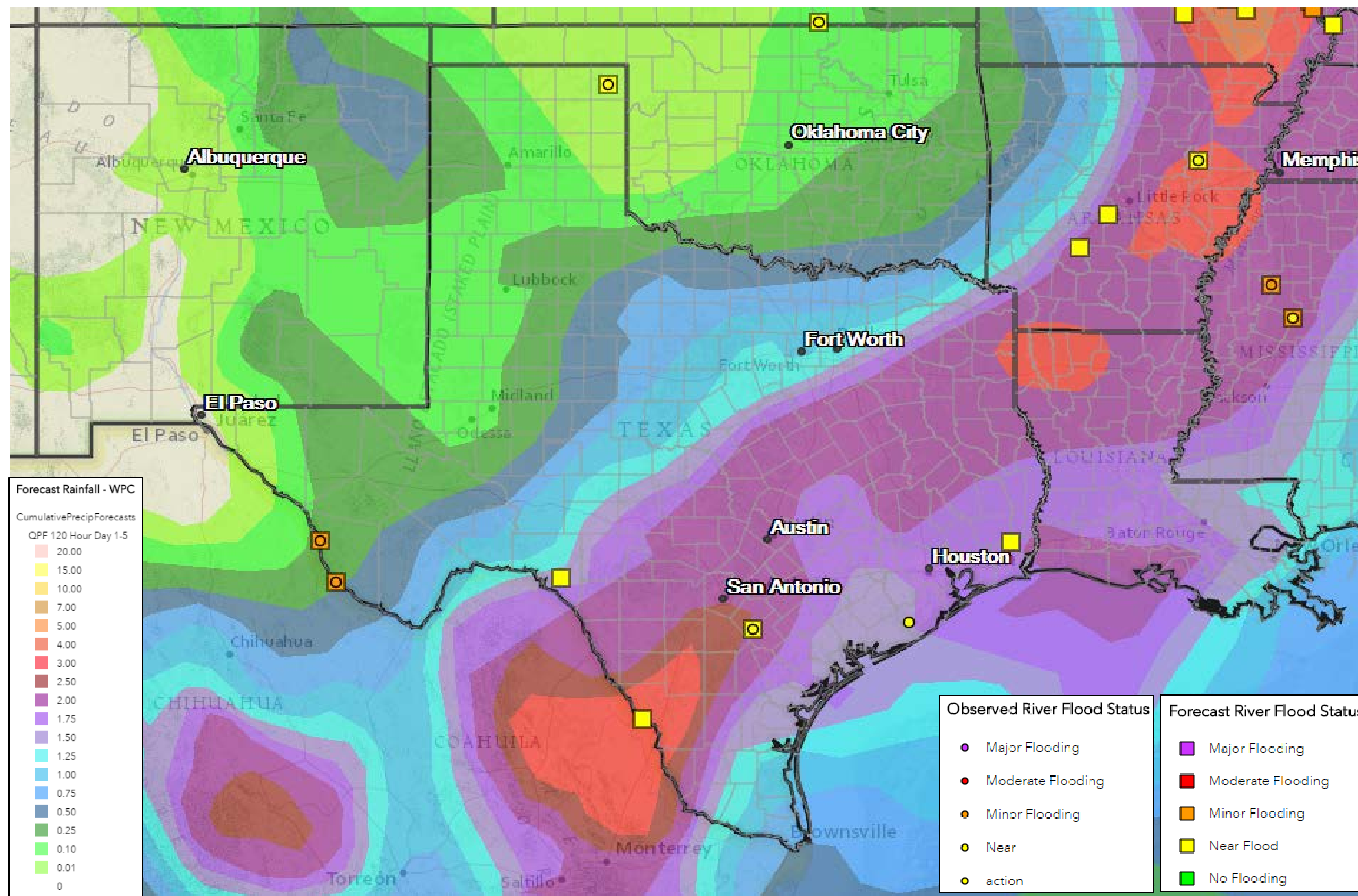
5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Heavy rain from Gordon will continue across AR into the weekend. Additional heavy rain/isolated flash flooding possible across parts of LA into TX.



Today's Weather



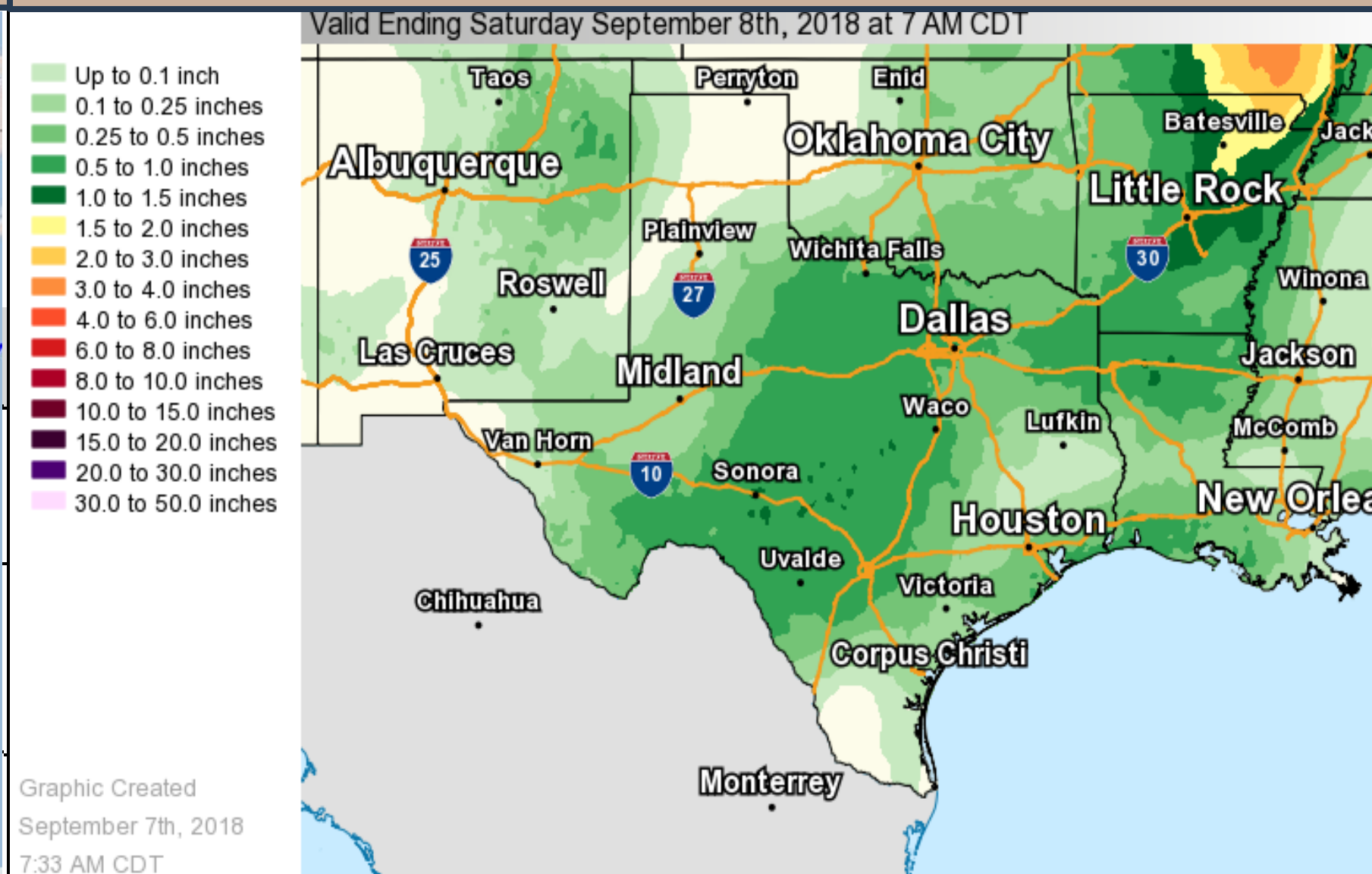
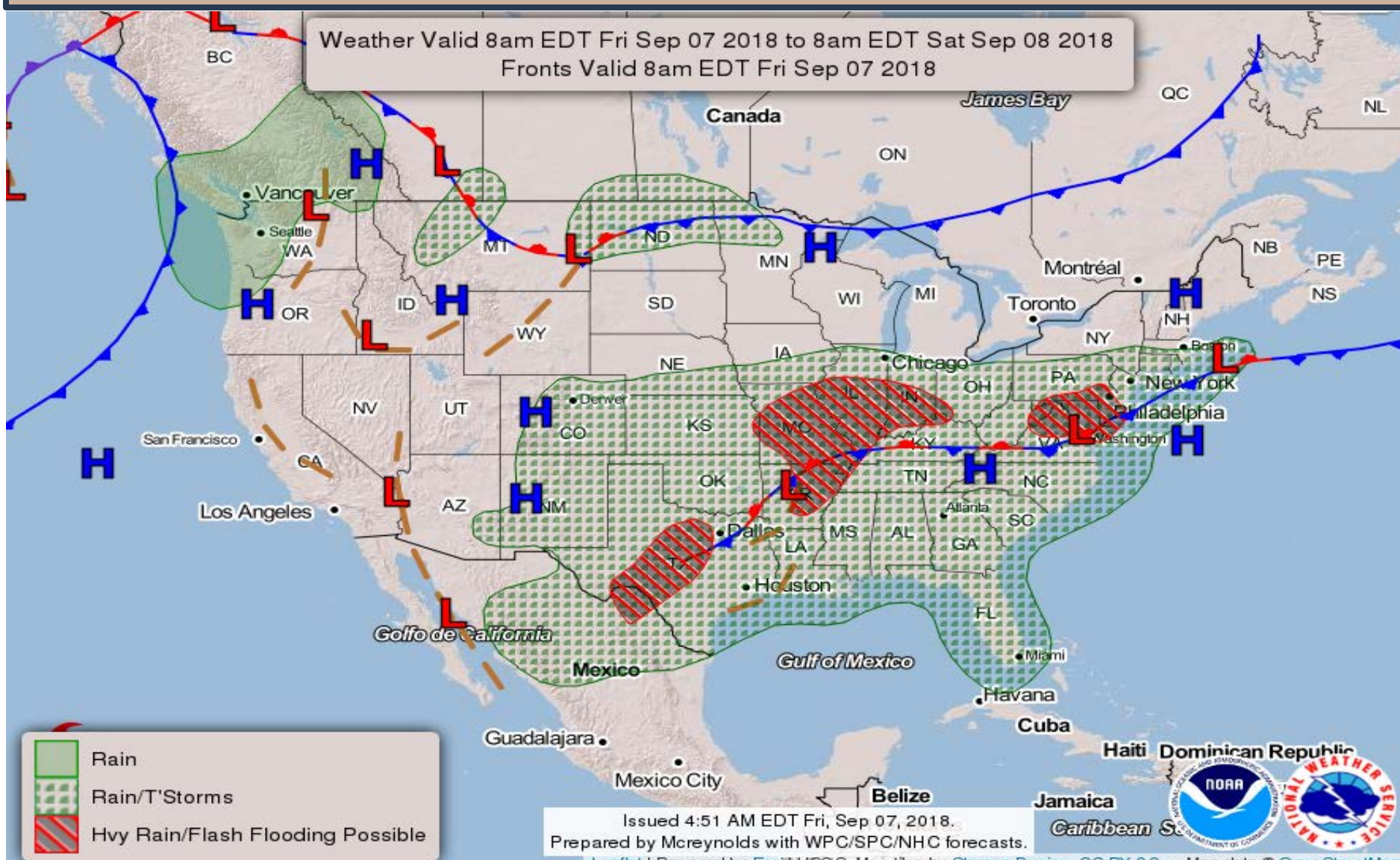
SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

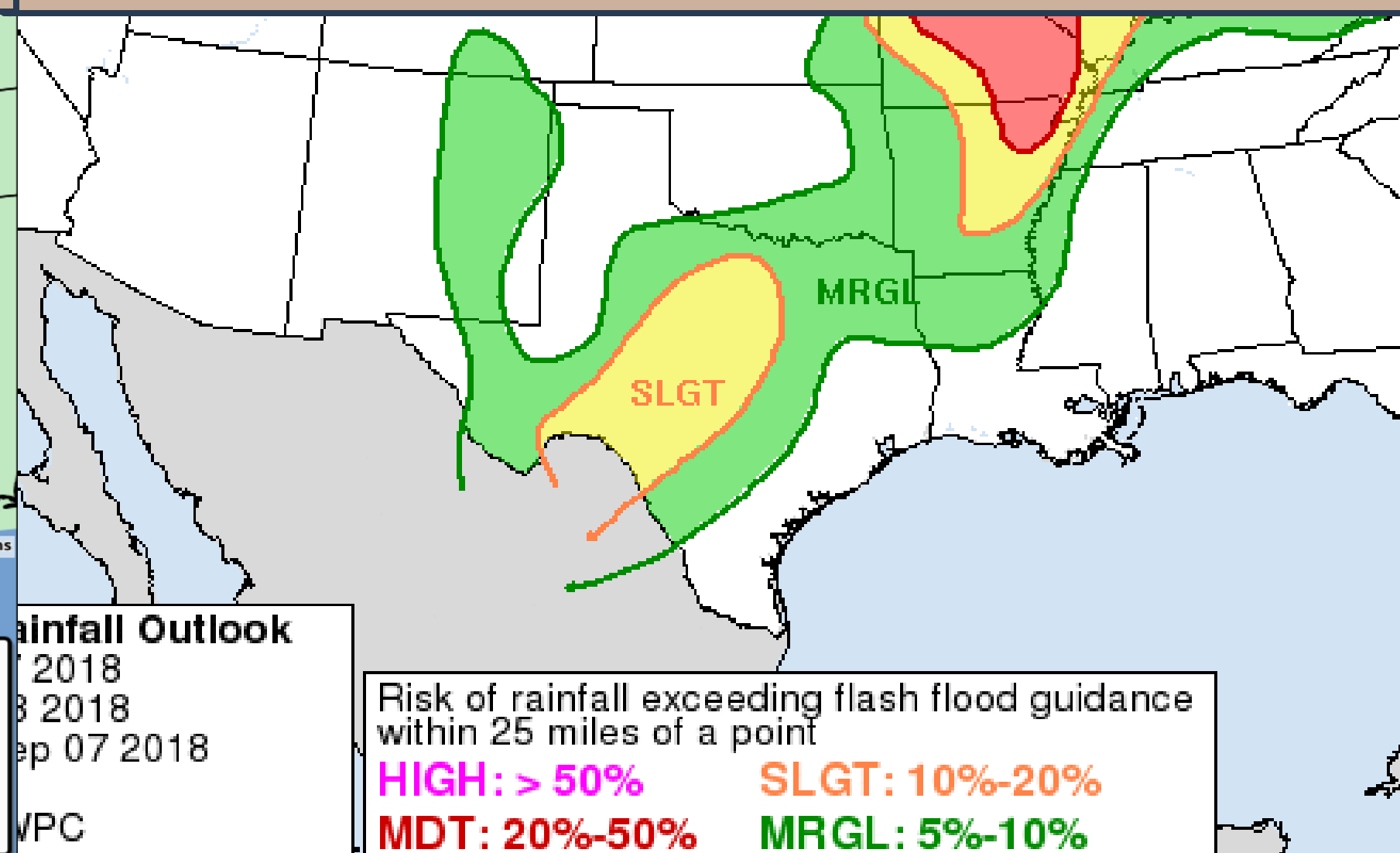
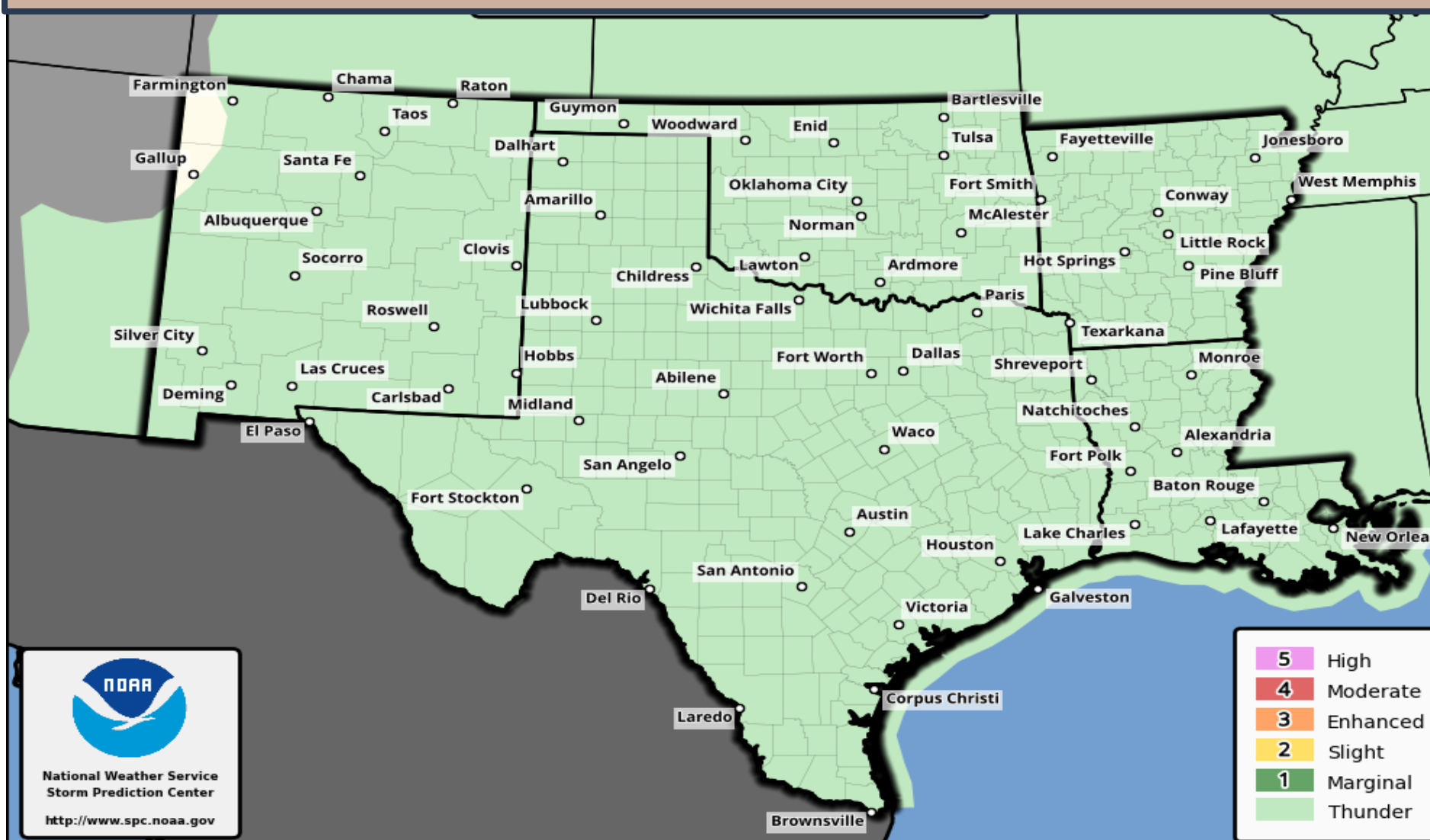
Heavy rain/flash flooding
possible across E AR.

Isolated heavy rain and flash
flooding possible across W
TX.



Severe Weather Outlook

Excessive Rainfall Outlook



Watches, Warnings, and Advisories



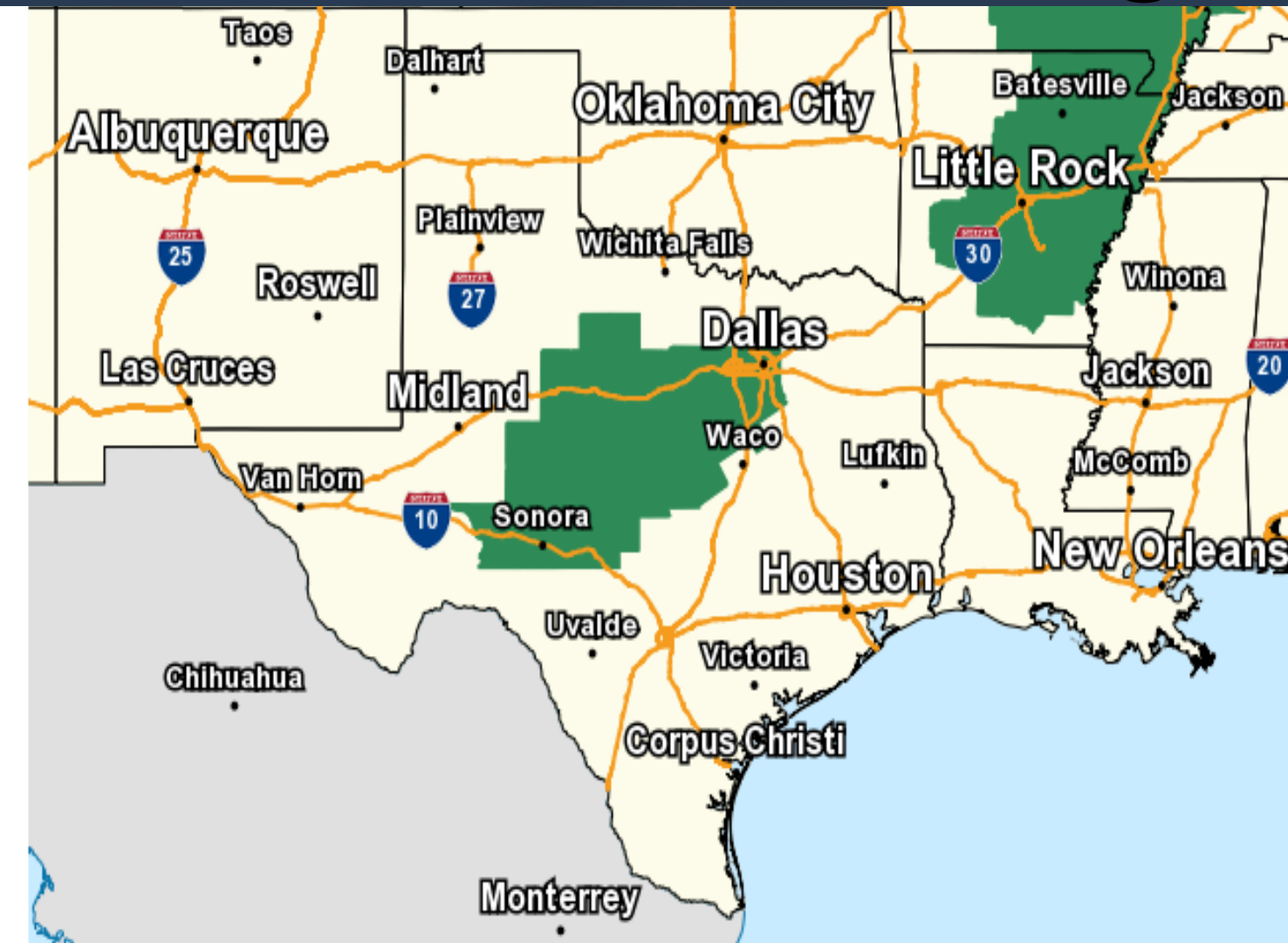
SR ROC
REGIONAL OPERATIONS CENTER

Fire Weather



Graphic Created

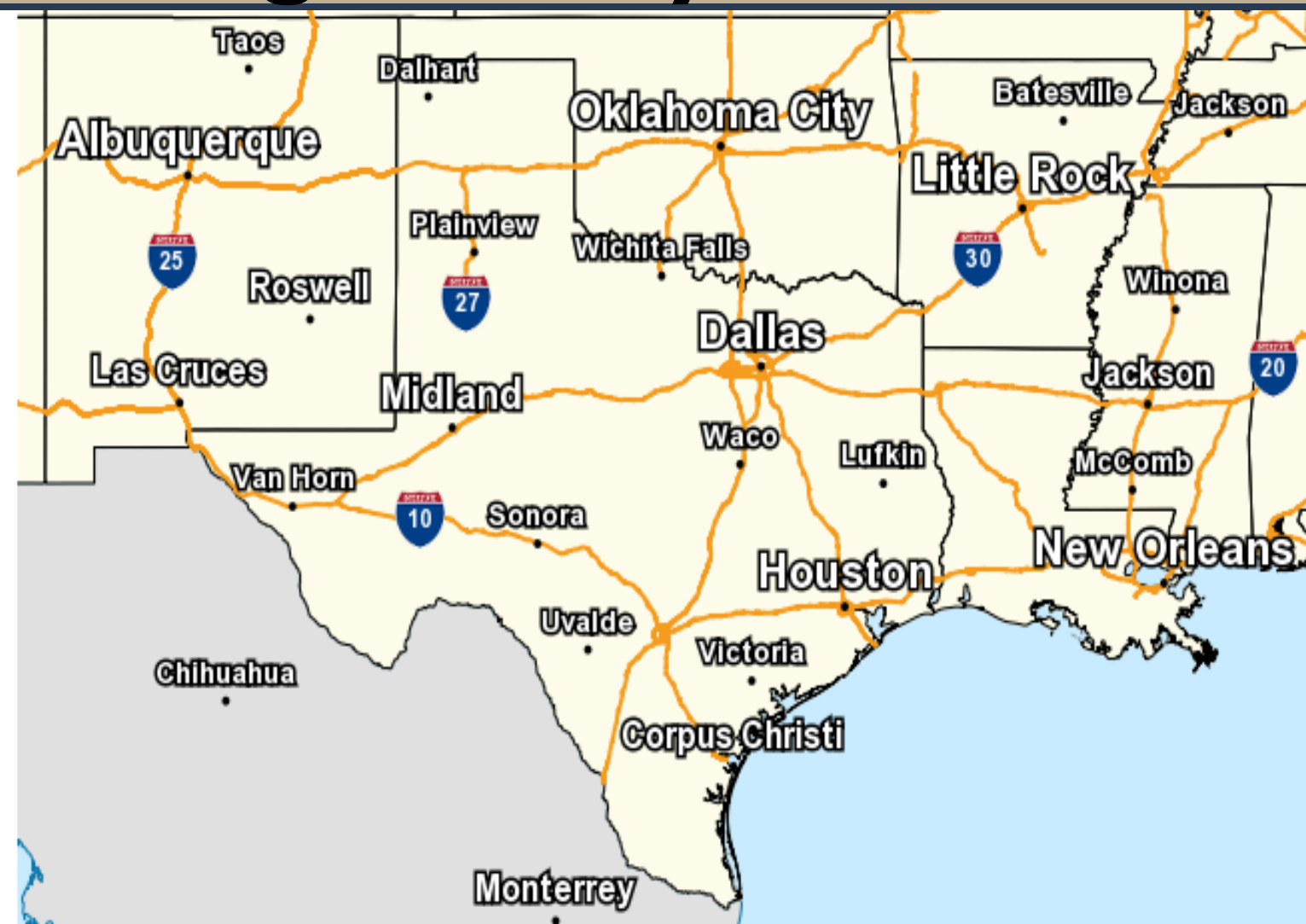
Severe Weather & Flooding



Graphic Created

Flash flood watches are in effect for AR into NTX and the TX Hill Country.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

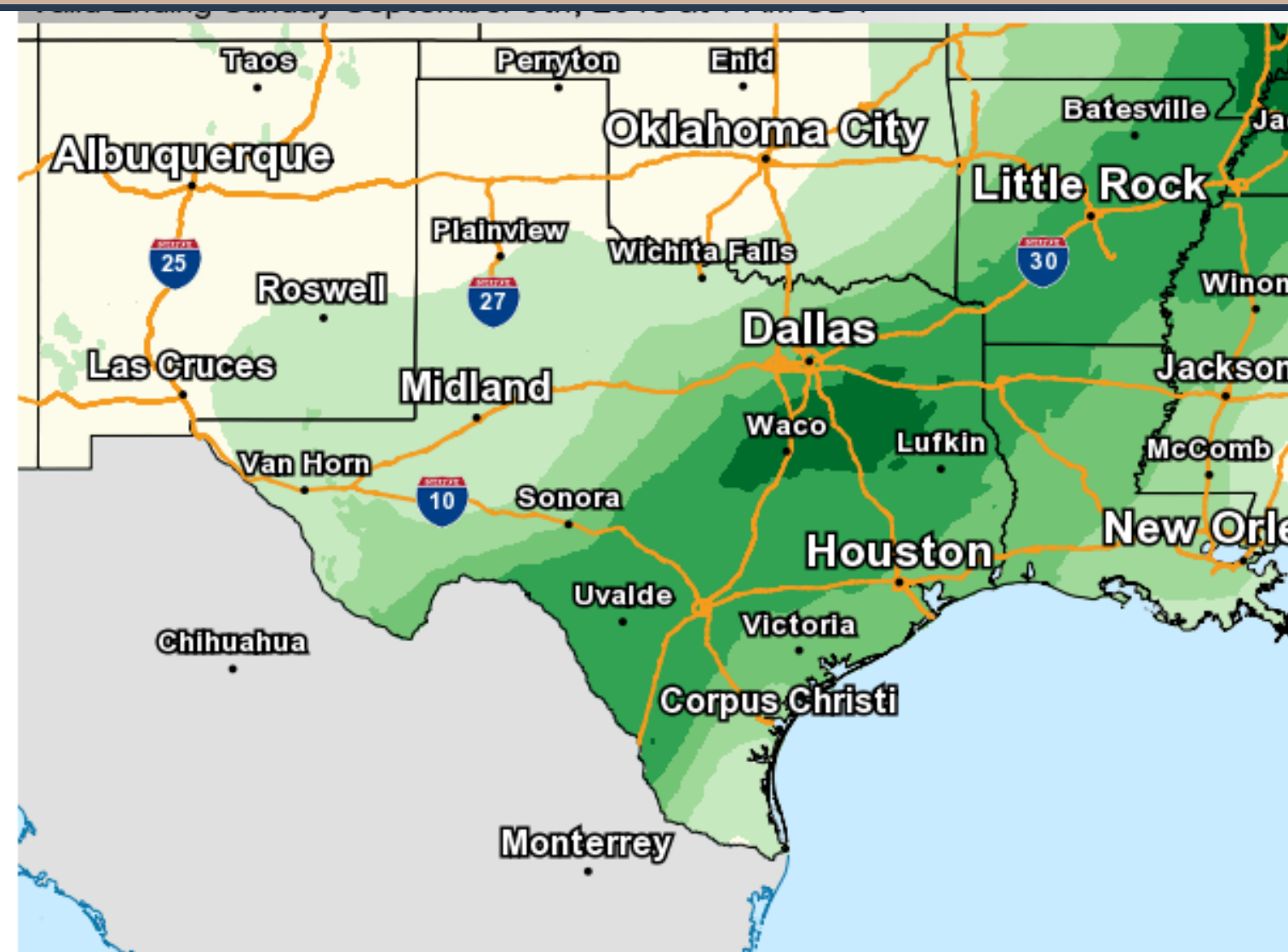
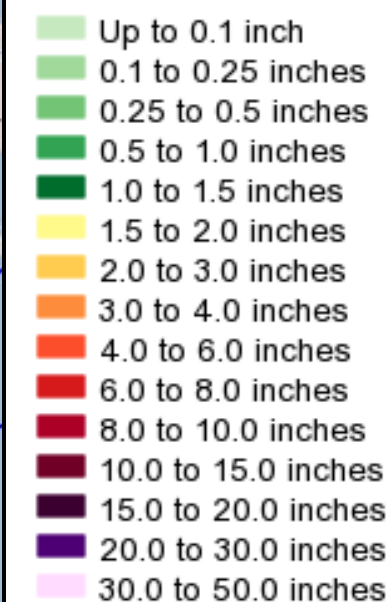
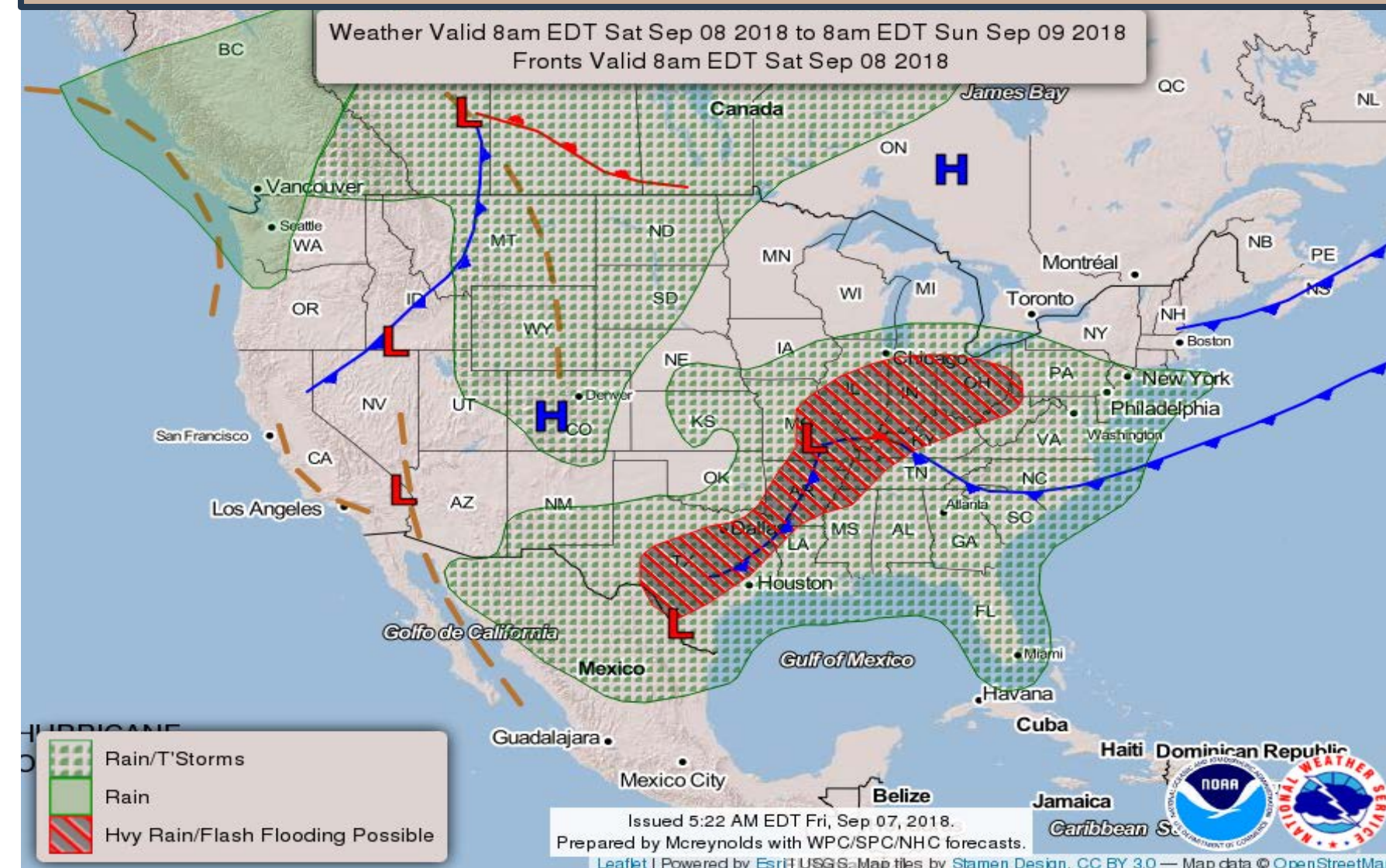


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

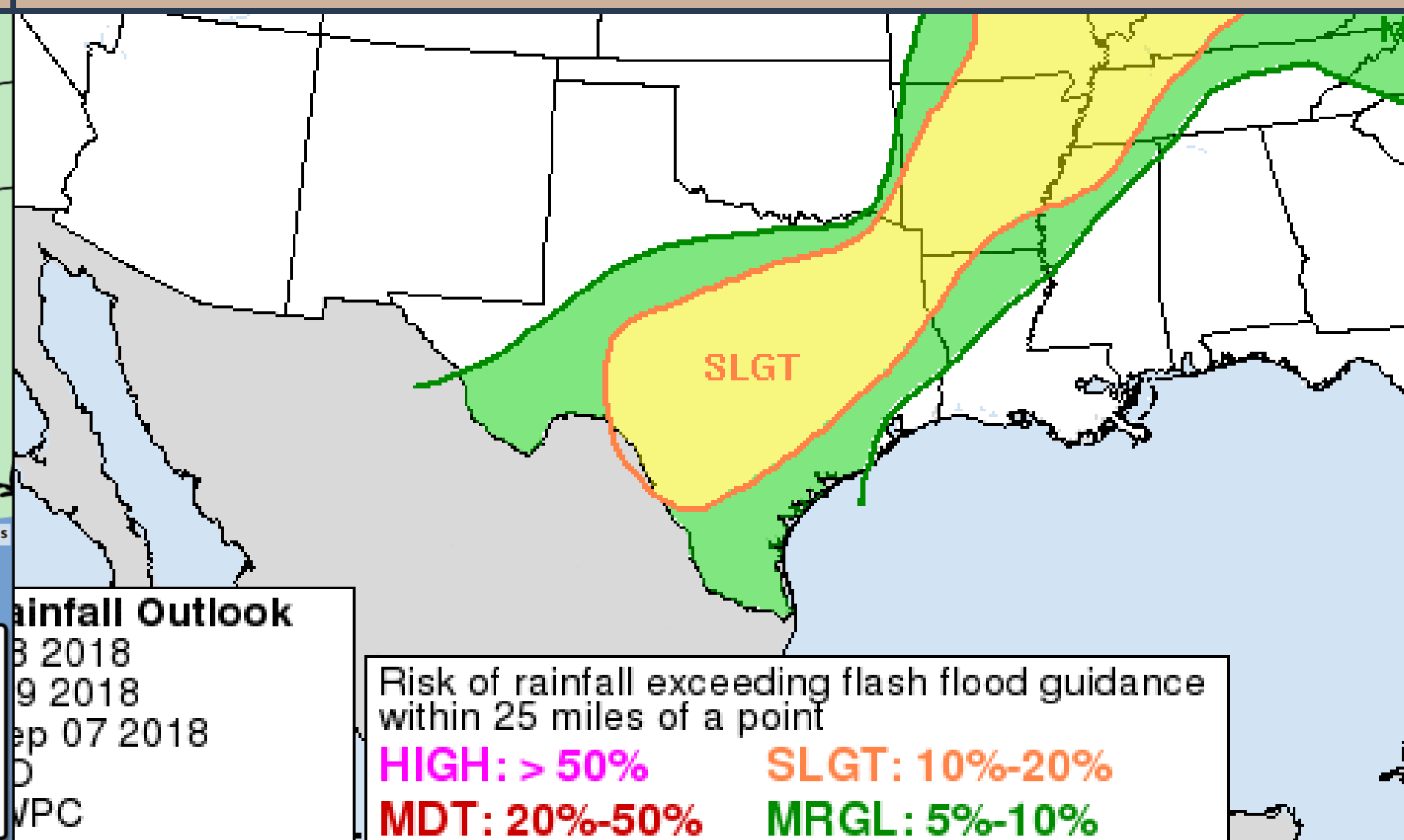
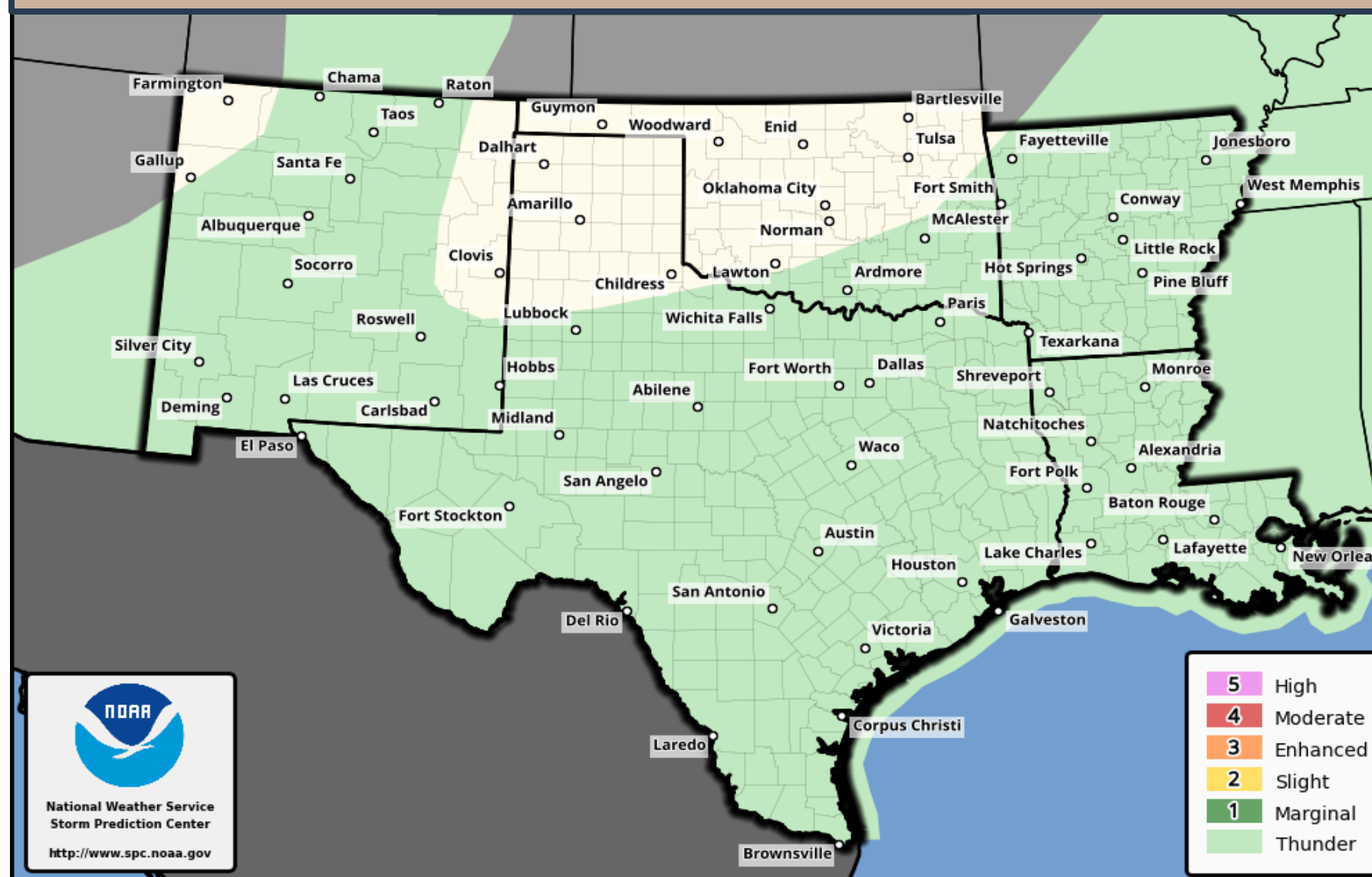
Forecast Rainfall

Isolated heavy rain/flash flooding possible from AR southwestward to the Big Bend of TX.



Severe Weather Outlook

Excessive Rainfall Outlook



Sunday's Weather

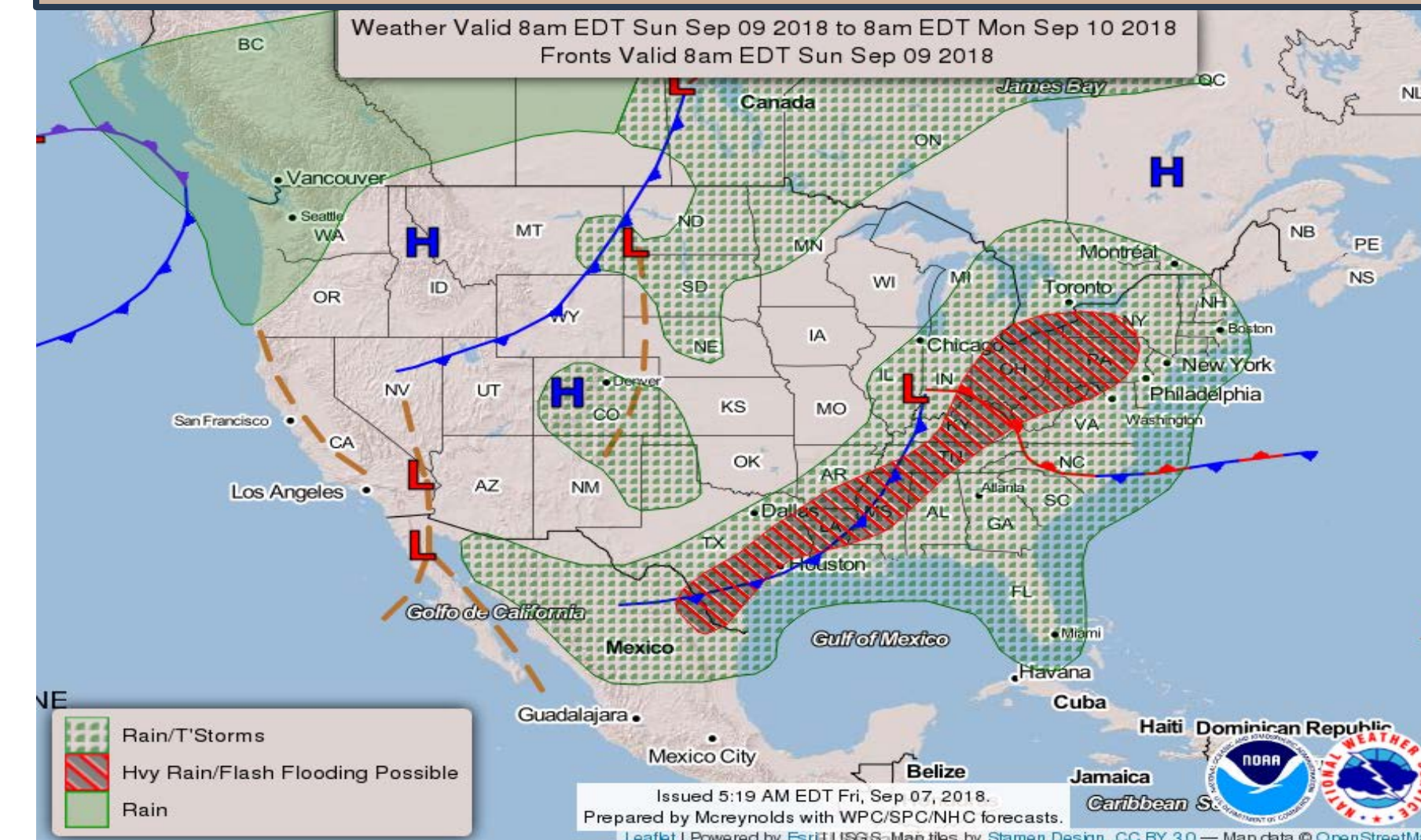


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

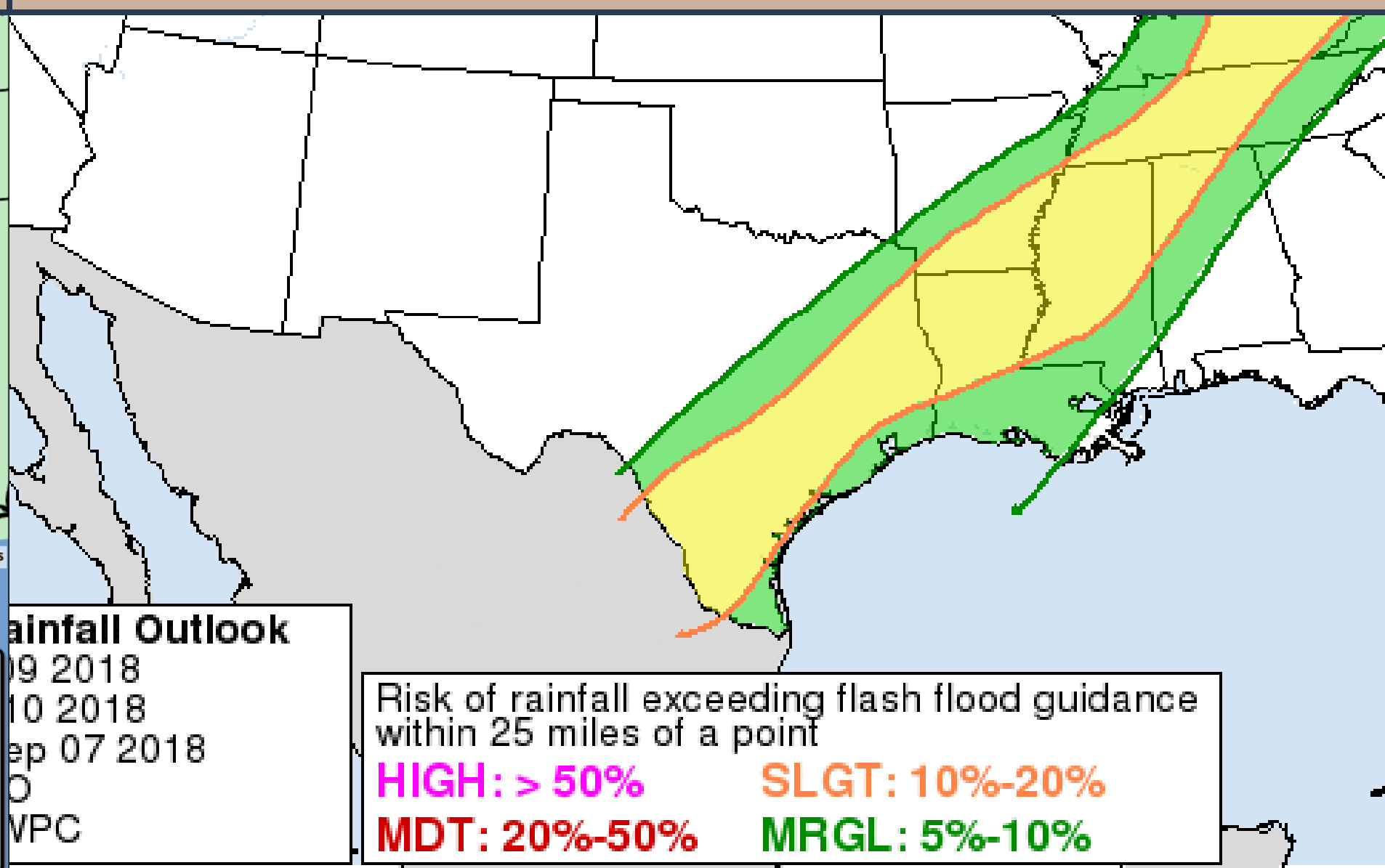
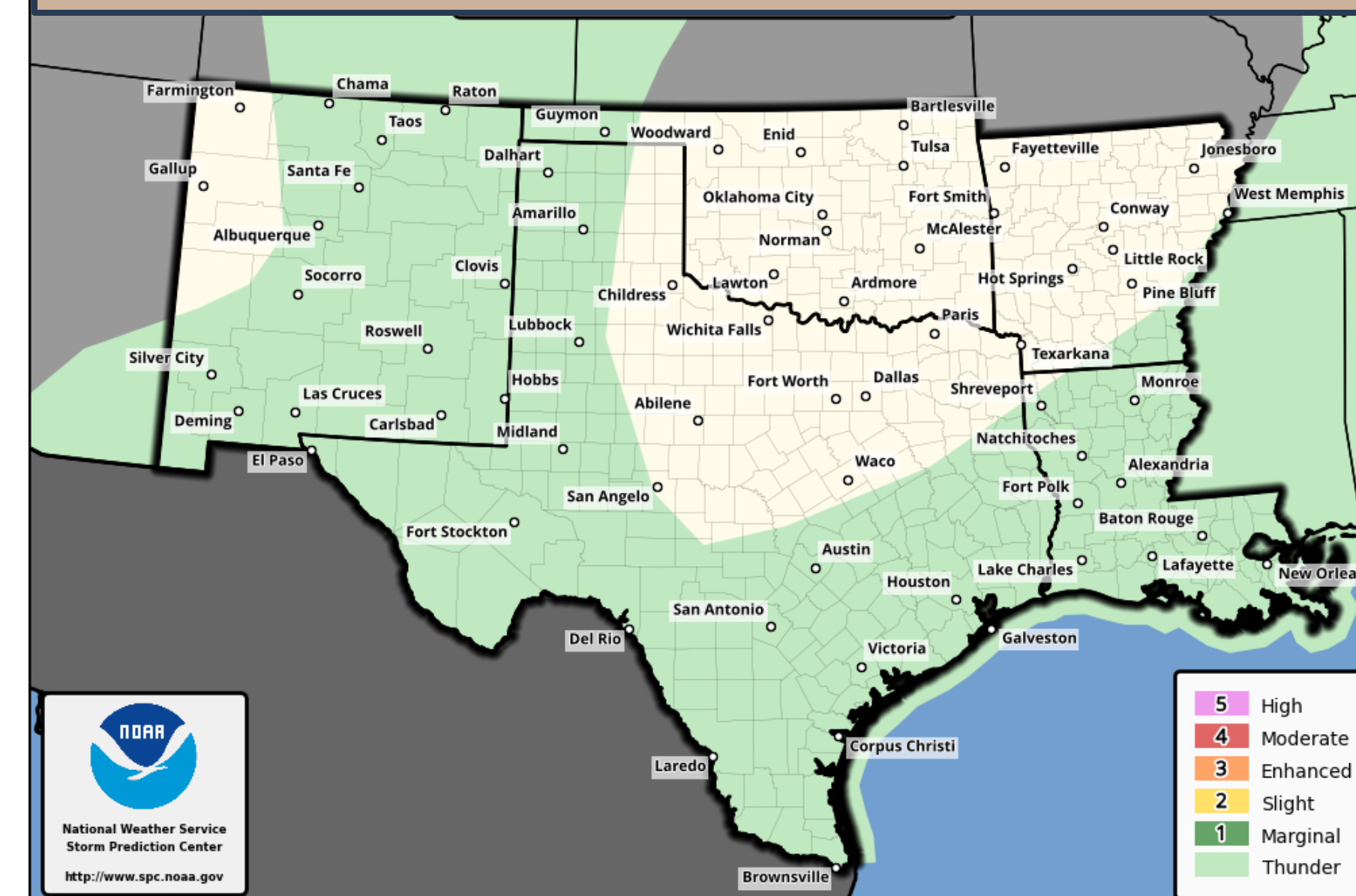
Forecast Rainfall

Isolated heavy rain/flash flooding possible from SE AR across N LA and into STX.



Severe Weather Outlook

Excessive Rainfall Outlook

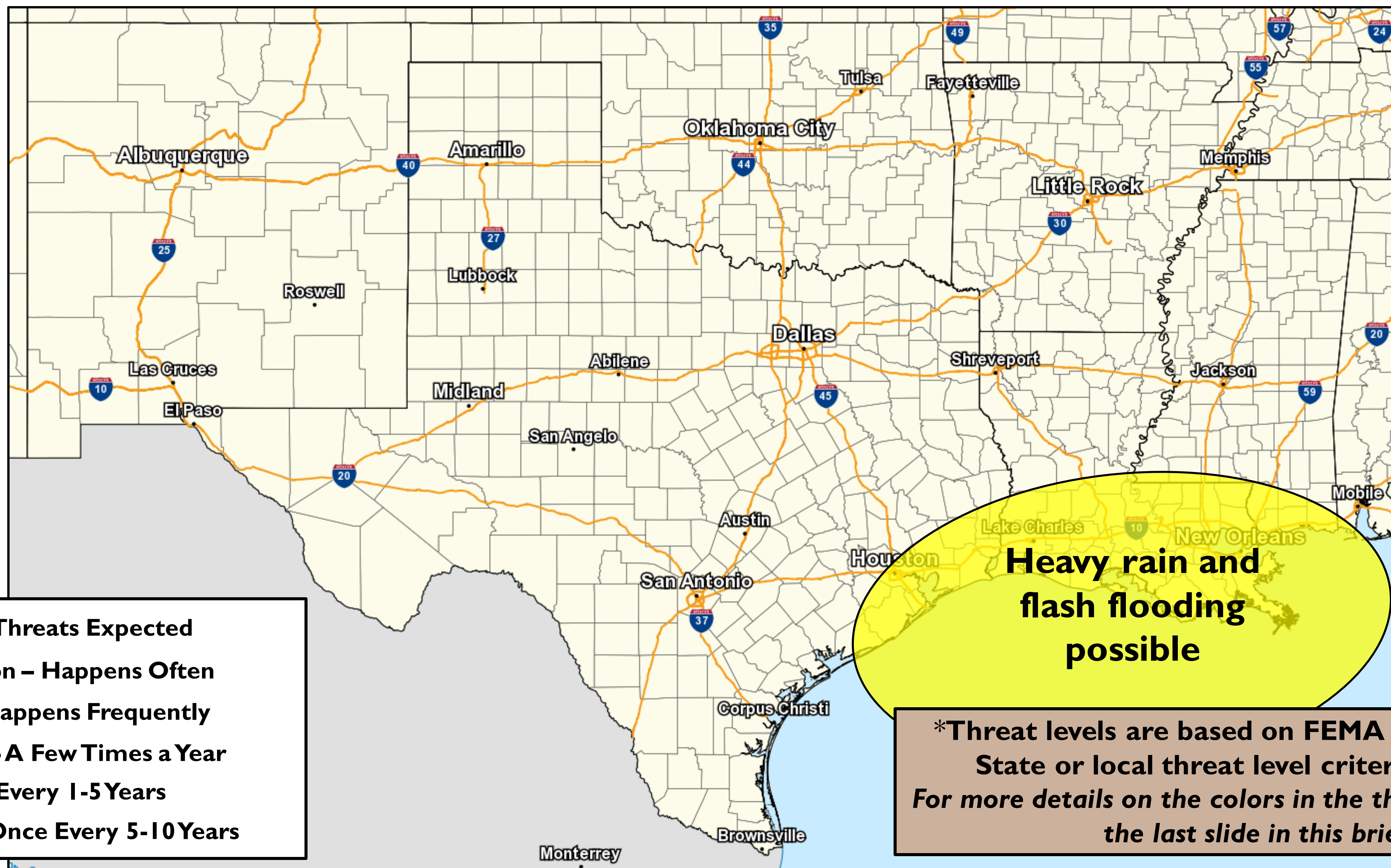


Days 4-5 Weather Hazards

Monday - Tuesday



SR ROC
REGIONAL OPERATIONS CENTER



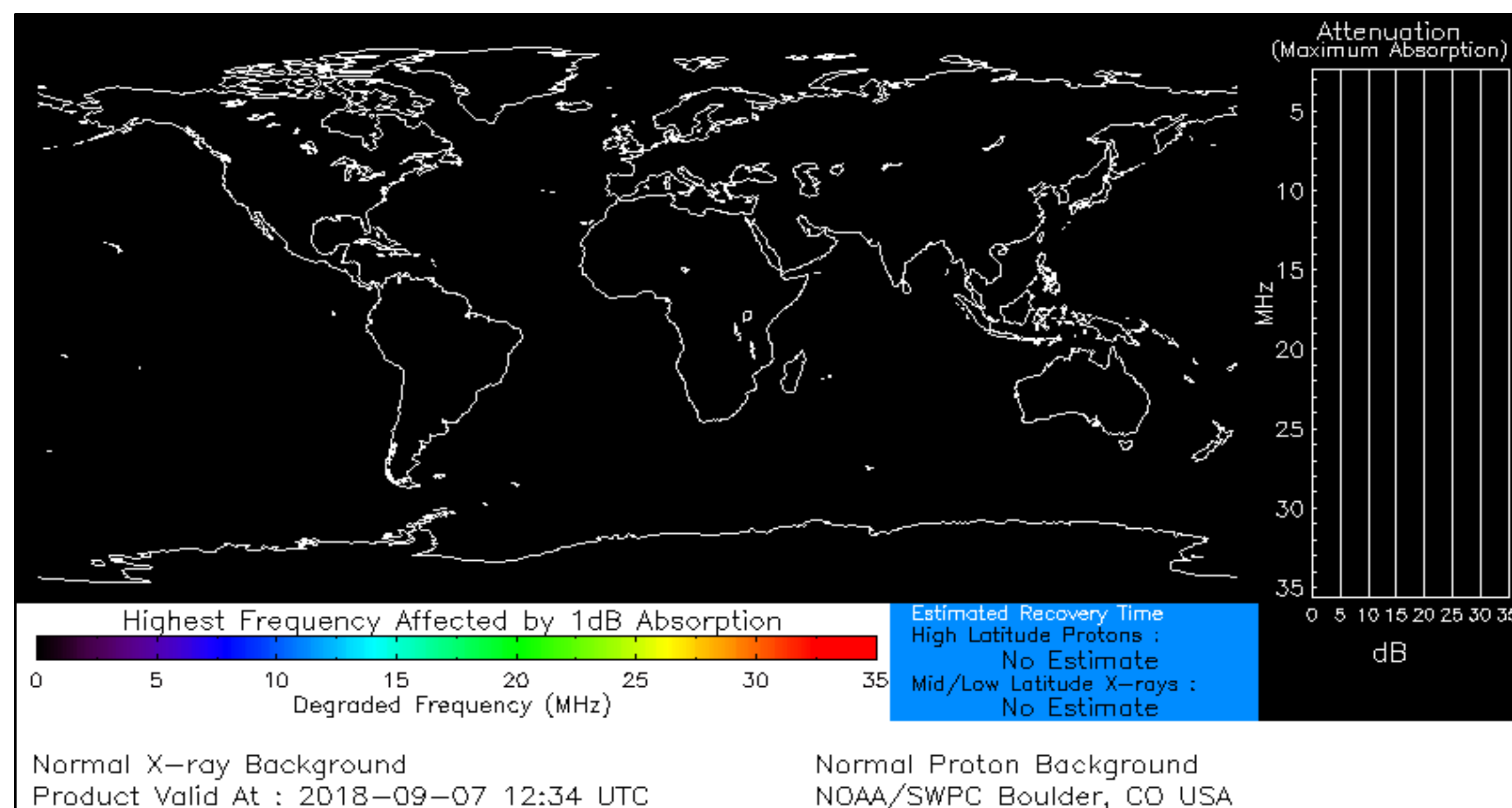
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.
For more details on the colors in the threat matrix refer to the last slide in this briefing.

Space Weather 3-Day Forecast



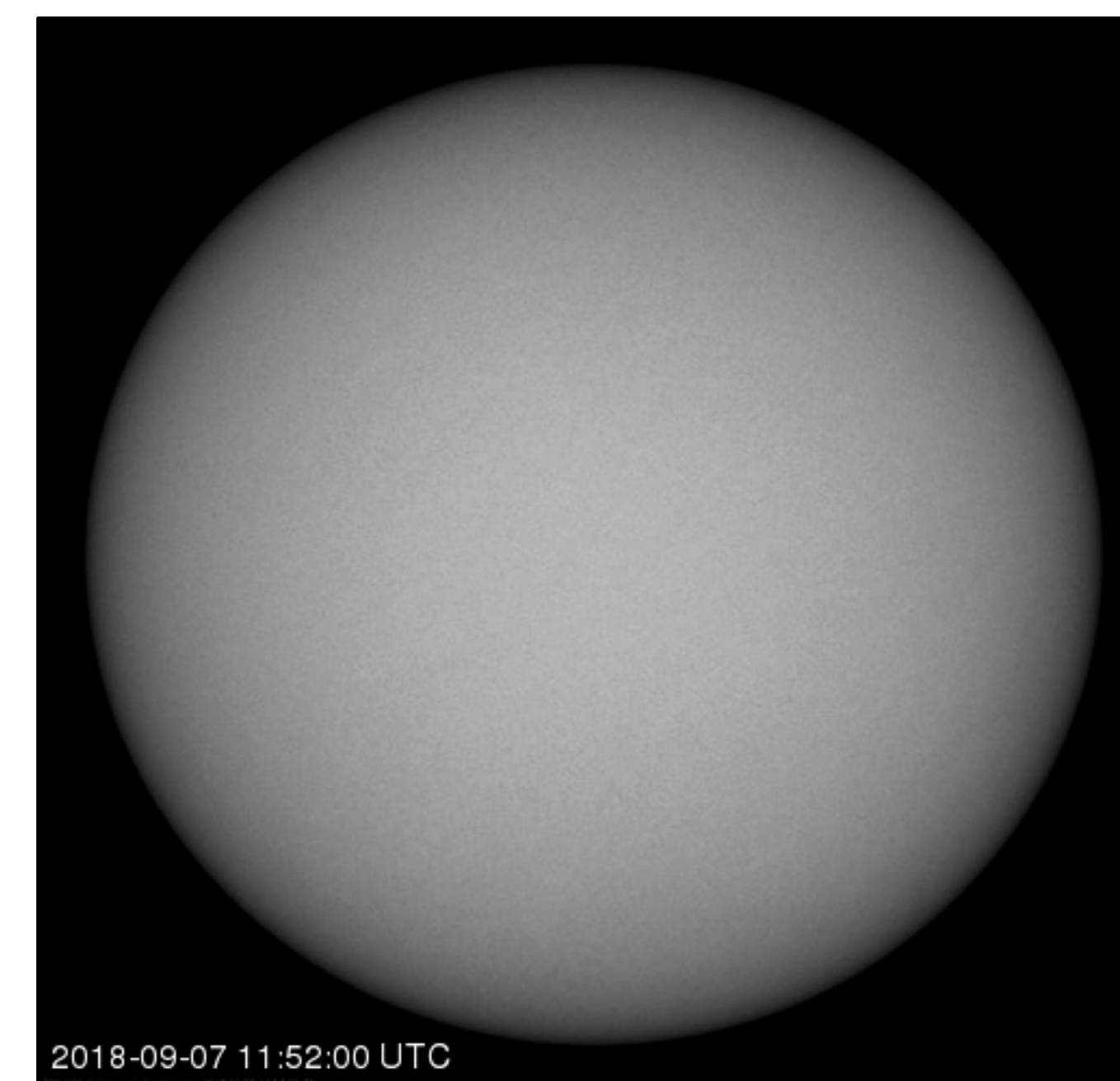
SR ROC
REGIONAL OPERATIONS CENTER

| | Friday | Saturday | Sunday |
|-------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Geomagnetic Storms | Quiet to Unsettled (Max Kp = 3) | Quiet to Unsettled (Max Kp = 3) | Quiet to Unsettled (Max Kp = 3) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





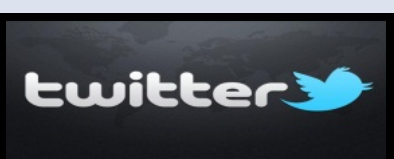
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



| Weather “Threat” Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov